

Work Order ID 60512

July 13, 2010 10:21:38 AM

Page 1

Item ID: D3439-101

Accept

Setup Start

Revision ID:

Item Name: Mirror Assembly 8"

Stop

Start Date: 7/13/10

Start Qty: 400

Cust Item ID:

Required Date: 7/14/10

Req'd Qty: 4.00

Customer:

Reference:

Approvals: Process Plan: CL

Date: 10/7/13

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D3439

Rev A

100

0.00



Purchasing

PURCHASING

Memo

0.00

Purchasing

Issue P/O: 12238 ☐ For Grote Mirror P/N: 12183 ☐ Possible Supplier:
UAP/NAPA ☐ Material release note is required

CL 10/7/13 (4)

110

0.00



Packaging

Receive & Inspect for Damage & Mat'l Certs

Memo

0.00

Packaging

Ensure Material Release Note is attached

CL 10/7/13 (2)

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:			WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 60512

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Page 2

Item ID: D3439-101

Accept



Setup Start



Revision ID:

Item Name: Mirror Assembly 8"

Stop



Start Date: 7/13/10 Start Qty: 4.00

Required Date: 7/14/10 Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

120



Small Fab

Small Fab

0.00

Memo

0.00

Small Fab

Discard Hardware. ☐ Fabricate stud as per Dwg D3439 ☐ Pick: ☐ Qty Part
Number Description Batch ☐ 1 5/16"-18UNCx1 1/4" Long Hex ☐ ~~115010~~
Bolt 115010 ☐ Drill and Tap mirror as per Dwg D3439, then install stud.

☐ Coat threaded section of stud with LPS-3 before

130



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

140



Small Fab

Small Fab

0.00

Memo

0.00

Small Fab

Plug drain holes with Sikaflex. ☐ Ensure that mirror adheres to
housing. ☐ Pick: ☐ Qty Part Number Description Batch ☐ A/RN/A
Sikaflex-241/-291 ☐ Sikaflex expiry date

M113519

10/11

= 7 m.k

10/07/13

~~205 m.k~~
~~10/07/13~~
= 7 m.k
10/07/13

@

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID 60512

July 13, 2010 10:21:38 AM



Page 3

Item ID: D3439-101

Accept



Setup Start



Revision ID:

Item Name: Mirror Assembly 8"

Stop



Start Date: 7/13/10 Start Qty: 4.00



Required Date: 7/14/10 Req'd Qty: 4.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

150



QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

S.06/13

(Signature)

Memo

0.00

160



Packaging

Packaging

Identify as per dwg & Stock Location: *227*

0.00

Memo

0.00

Rec'd 7/14

(Signature)

170



QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

Final 7-14

MF 10-1-14

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

July 13, 2010 10:21:37 AM

Page 1

Work Order ID: 60512

Parent Item: D3439-101

Parent Item Name: Mirror Assembly 8"



Start Date: 7/13/10

Required Date: 7/14/10

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP A 05.07.20 New issue KJ/JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
12183 		Purchased	No			140	Each	0.0000	1	4			
GROTE MIRROR D3015-3 		Manufactured	No			100	Each	710.0000	1	4			
Locknut 													

C21017/13 (2)

Location

ST033

Loc Qty

710

43758

26

56701

3

58202

81

60287

600

Loc Code

8 18/07/13 (2)

10.07.13

5/16 WC (qty) S.S. Washer

Batch: M114758

=> M-1 10/07/13 (2)

W/O:			WORK ORDER CHANGES					
DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

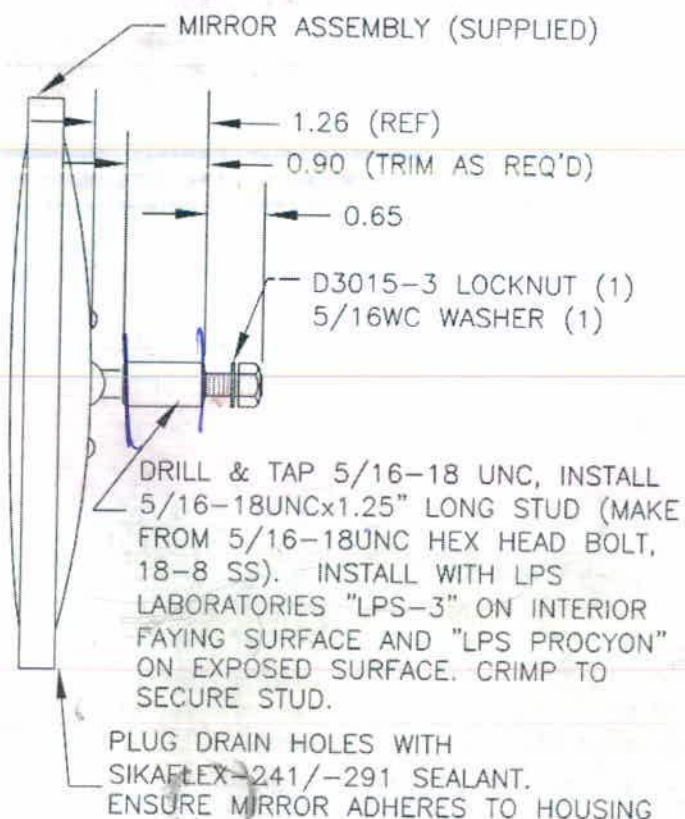
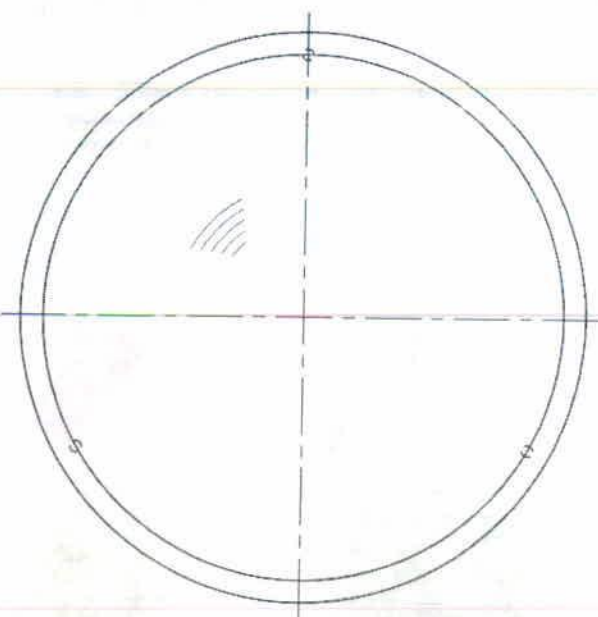
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DATE	STEP		Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
				Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN	CP	DRAWN BY	CP	DART AEROSPACE LTD	
				HAWKESBURY, ONTARIO, CANADA	
CHECKED	##	APPROVED	##	DRAWING NO.	REV. A
				D3439	SHEET 1 OF 1
DATE	05.05.27			TITLE	SCALE
				MIRROR ASSEMBLY	NTS
A	05.05.27			NEW ISSUE	

RELEASED
05.05.27



QTY	Part Number	Description
-101		
X	D3439-101	MIRROR ASSEMBLY 8"
1	12183	MIRROR 8" (GROTE)
1	D3015-3	LOCKNUT
1	5/16WC	WASHER

NOTES:

1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.

c21017/13
w10'60512

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DATE	STEP		PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**AUTO PARTS • PIÈCES D'AUTO
TRUCK PARTS • PIÈCES DE CAMION
ENGINE-MARINE • MOTEUR-MARINE
PERFORMANCE PARTS • PIÈCES DE PERFORMANCE
TIRES • PNEUS**



Past due accounts bear 2% interest per month (24% per annum). If this account is placed with a 3rd party collection, an administrative cost of 25% will be added. All exchanges and refund claims must be accompanied by this invoice. Electrical parts not returnable. All parts returned are subject to 20% handling charge. All merchandise sold on this invoice remains the vendor's property until this invoice is paid in full.
TERMS: Payment due on 10th day of the following month.

Aucun remboursement sans cette facture. Net 30 jours, 2% de frais d'intérêt par mois (24% par année) sur compte en souffrance. 20% de frais de manutention sur toute marchandise retournée. Clause pénale une indemnité de 25% sera chargée sur compte sujet à des procédures légales. Les marchandises mentionnées sur cette facture demeurent la propriété du vendeur tant qu'elles ne seront pas entièrement payées. Pièces électriques non-retournable.
TERMES: Compté payable le 10 du mois suivant.

SIGNATURE

GST / TPS
10035 3366 RT0001

1000 RUE LANDSDOWNE
TEL: (613)632-1191

HAWKESBURY, ON K6A 1H7
FAX: (613)632-2350

TVQ
1016330716 TQ0001

GST#892729922R70001

WE APPRECIATE YOUR BUSINESS--THANK YOU
GOODYEAR'S 100TH ANNIVERSARY TIRE REBATE EVENT ON TILL JUNE 26, 2010

113336 (613)632-5200
S V EDART AEROSPACE LTD.
D L 1270 ABERDEEN STREET
U T O A HAWKESBURY ON K6A 1K7

EX 113336
SHIP *** SAME ***
PIE
DIE
TER
TO
A

DATE: 7/13/10
10:41
11CPMLP

PO: 12238

ORD / COM	SHIP / EXP	CODE	PART No / PIÈCES	DESCRIPTION	LIST EACH / CHACUN	COST / COÛTANT	EXTENSION
2	2	088	12183	8" CONVEX - STAINL	38.41	20.90	41.80
	2	***	SHIP VIA	PIECES/CORE TOT	0.00		
				243			
8.06/13							
INVOICE No / FACTURE	TYPE / SORTE	TOTAL	DISC / ESC	FRT / TRANS	GST / TPS	PST / TVQ	AMT to PAY / À PAYER
11025195	INVOICE	41.80	0.00	0.00	5.43	0.00	47.23

Date: Tuesday, 14/04/2009 1:22:10 PM
User: Chantal Layole

Process Sheet

Split

Customer : CU-DAR001 Dart Helicopters Services
Job Number : 47152 - 1
Estimate Number : 11291
P.O. Number :
This Issue : 14/04/2009 S.O. No. :
Prsht Rev. : NC
First Issue : 1/1 Type : SMALL /MED FAB
Previous Run :
Written By :
Checked & Approved By : C 209/04/14
Comment : Est. A05.07.20 New Issue KJ/JLM

Drawing Name : MIRROR ASSEMBLY 8*
Part Number : D3439101
Drawing Number : D3439 REV A
Project Number : N/A
Drawing Revision : A
Material :
Due Date : 21/04/2009 Qty: 5 U/m: Each

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description:

1.0 PG PURCHASING



Comment: PURCHASING

Issue P/O: 8561

For Grote Mirror P/N: 12183

Possible Supplier: UAP/NAPA

Material release note is required

C 209/04/14 (5)

2.0 12183 GROTE MIRROR



Comment: Qty.: 1.0000 Each(s)/Unit Total: 5.0000 Each(s)
MIRROR

3.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Receive & inspect for Transit Damage

Ensure Material Release Note is attached

P 29/4/15 3

4.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1



Comment: SMALL & MEDIUM FAB RESOURCE 1

Discard Hardware.

Fabricate stud as per Dwg D3439

Pick:

Qty Part Number Description Batch

1 5/16"-18UNCx1 1/4" Long Hex Bolt 40938 M 111463

(Drill and Tap mirror as per Dwg D3439, then install stud.

Coat threaded section of stud with LPS-3 before installing.

Pick:

Qty Part Number Description Batch

(2)

FF 09-04-24

W/O:		WORK ORDER CHANGES						
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